

FIG. 1

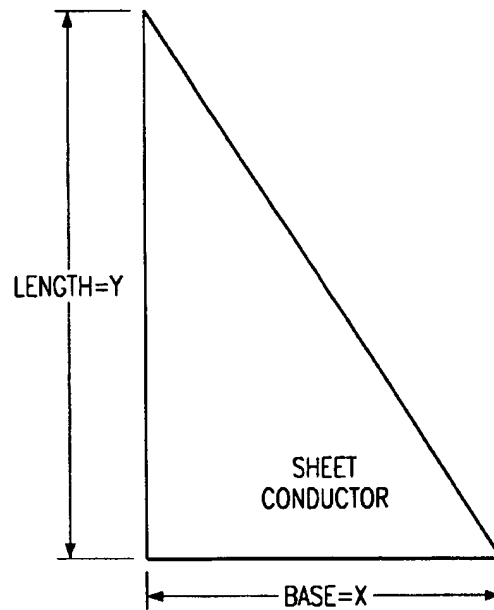


FIG. 3

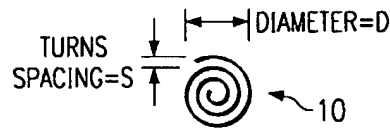


FIG. 2

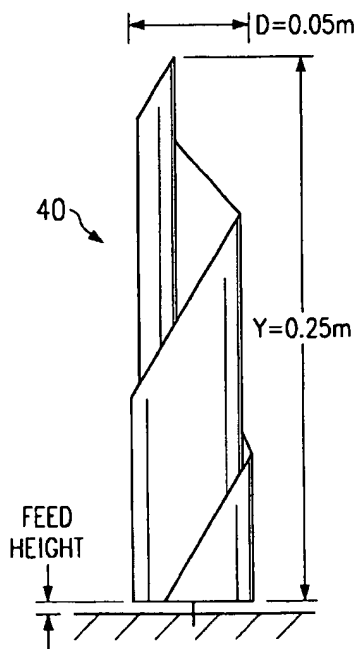


FIG. 4

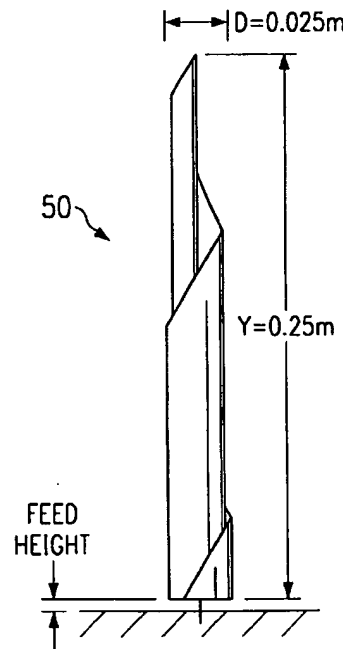
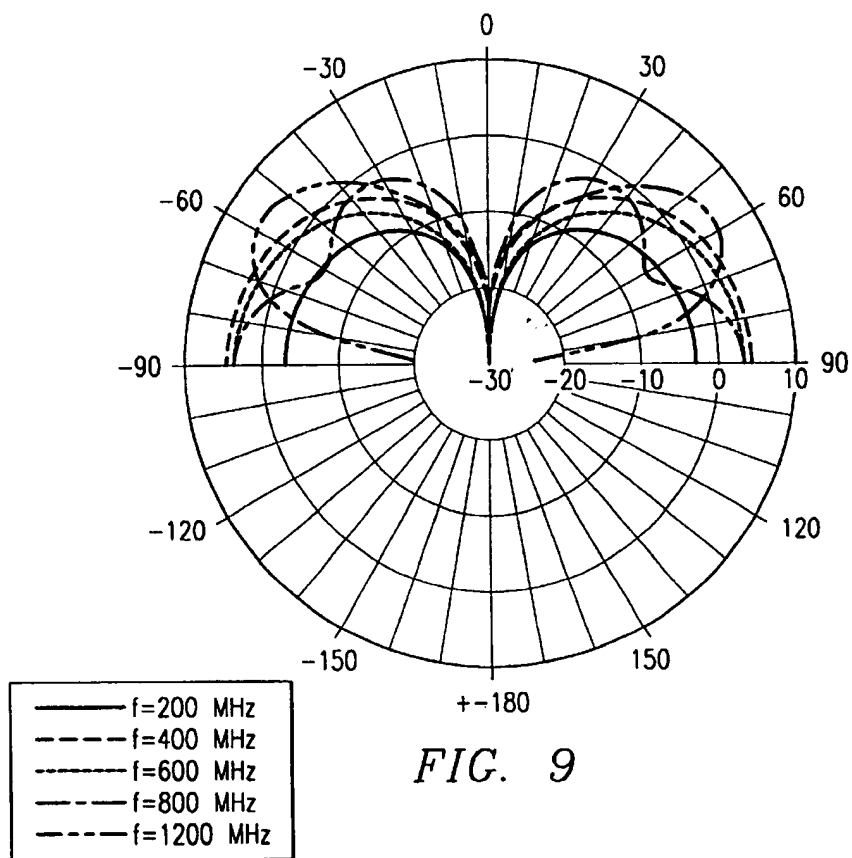
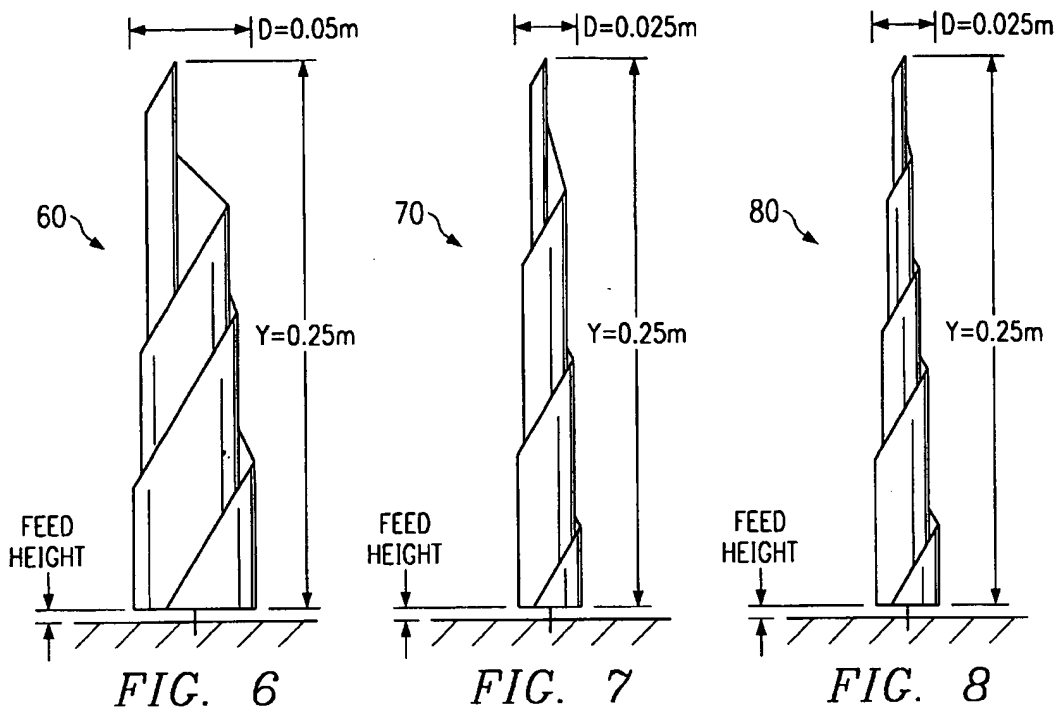


FIG. 5



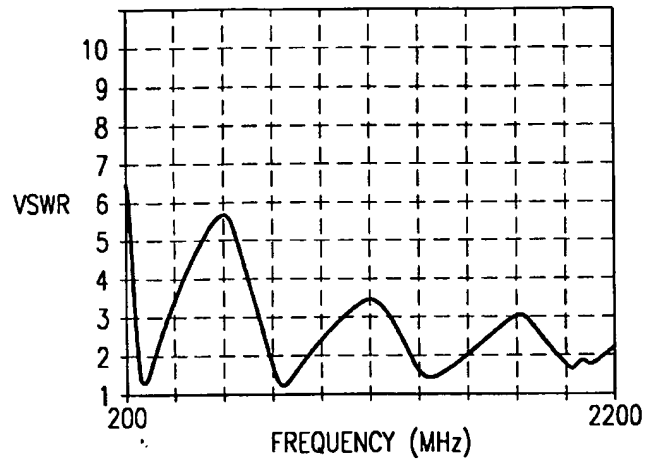


FIG. 10A

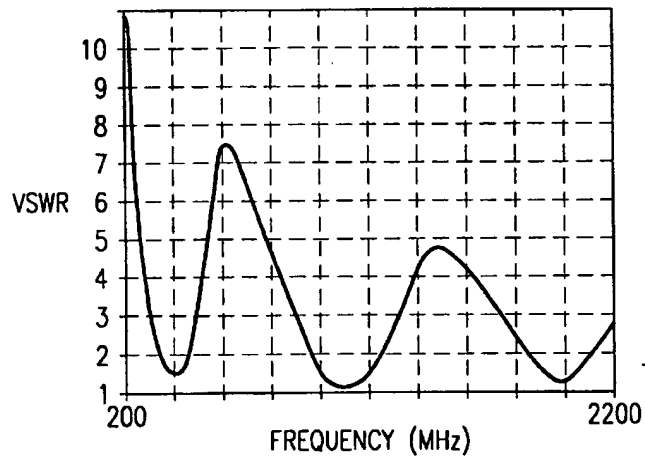


FIG. 10B

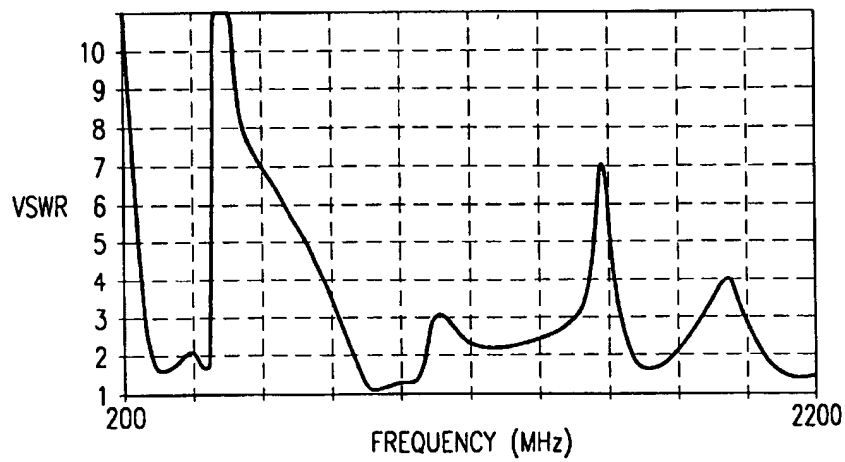


FIG. 10C

FREQUENCY (MHz)	"FAT" MONOPOLE		3 TURN MONOPOLE		UNROLLED	
	SIMULATED	MEASURED	SIMULATED	MEASURED	SIMULATED	MEASURED
260	11.0	11	7.3	7.1	11.0	11.0
320	2.6	2.7	1.5	1.2	4.4	4.4
380	2.0	1.8	2.4	2.2	2.0	2.2
440	2.9	1.2	4.9	3.4	1.3	1.8
500	11.0	11.0	5.8	4.3	2.0	3.4
560	8.8	7.5	6.2	5.4	4.0	6.5
620	7.5	6.8	6.1	5.6	7.1	7.6
680	6.6	5.8	5.1	4.8	9.1	6.9
740	5.0	4.8	3.1	3.2	9.0	5.7
800	3.3	3.3	1.8	1.8	8.1	4.8

FIG. 11

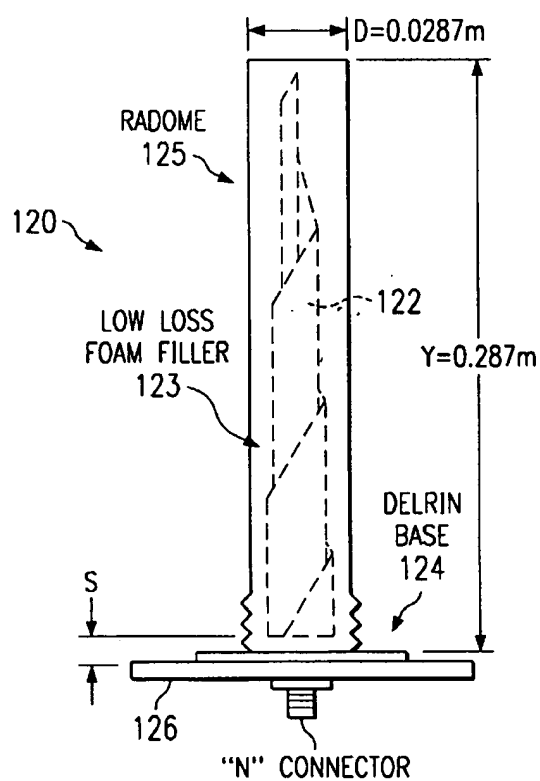


FIG. 12

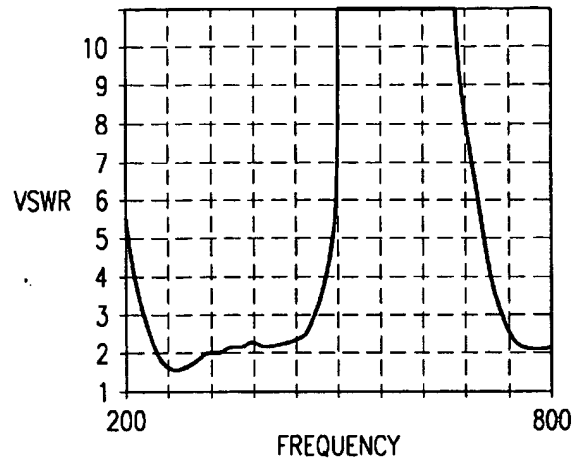


FIG. 13

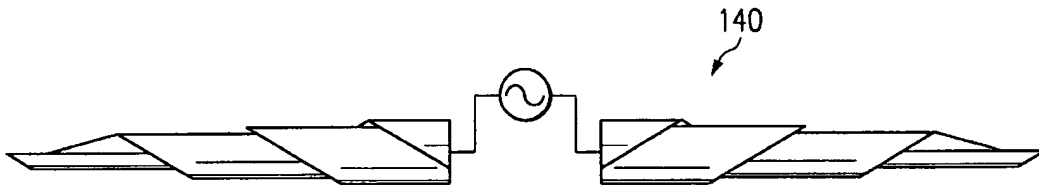


FIG. 14

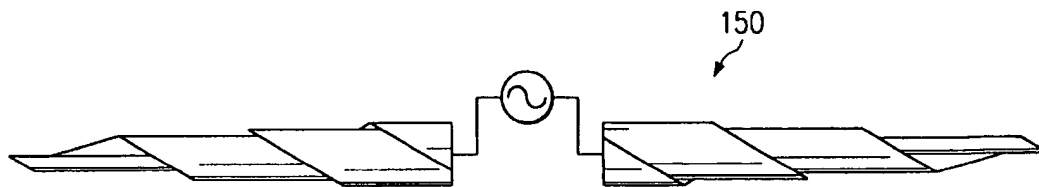


FIG. 15